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IN THE CLAIMS

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Please enter the following amended claims (see Appendix for the changes made):

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(Amended) A communications and data display system comprising:

a projection system including a projector high-speed radio frequency (RF) transceiver and a controller; and

a first data appliance including a first high-speed RF transceiver, wherein:

the first high-speed RF transceiver transfers graphical data to the projector high-speed RF transceiver;

the projection system displays the graphical data; and

the transfer and the display of the graphical data is controlled by the controller using first control data.

2. (Amended) The communications and data display system of claim 1, further comprising:

a second data appliance including a second high-speed RF transceiver, wherein:

the first high-speed RF transceiver transfers a first signal to the projector high-speed RF transceiver;

the projector high-speed RF transceiver transfers the first signal to the second high-speed RF transceiver; and

the transfer of the first signal from the first data appliance to the second data appliance is controlled by the controller using second control data.

3. (Amended) The communications and data display system of claim 2, wherein:

the second high-speed RF transceiver transfers a second signal to the projector high-speed RF transceiver;

the projector high-speed RF transceiver transfers the second signal to the first high-speed RF transceiver; and

the transfer of the second signal from the second data appliance to the first data appliance is controlled by the controller using the second control data.

4. (Amended) The communications and data display system of claim 1, wherein:

the projection system further comprises an interface to an external network;

the first high-speed RF transceiver transfers a first signal to the projector high-speed RF transceiver;

the projector high-speed RF transceiver transfers the first signal to the external network; and

the transfer of the first signal from the first data appliance to the external network is controlled by the controller using third control data.

5. (Amended) The communications and data display system of claim 4, wherein:

the external network transfers a second signal to the projector high-speed RF transceiver;

the projector high-speed RF transceiver transfers the second signal to the first high-speed RF transceiver; and

the transfer of the second signal from the external network to the first data appliance is controlled by the controller using the third control data.

6. (Amended) The communications and data display system of claim 1, wherein:

the first data appliance further comprises a graphics chip, a processing unit, a memory and a MUX;

the processing unit takes keyboard input from a local keyboard;

the processing unit takes memory graphics input from the memory and provides processing-unit memory output to the memory;

the processing unit provides processing-unit graphics output to the graphics chip and to the MUX;

the processing unit provides processing-unit control output to the MUX;

the graphics chip provides graphics-chip output to a local display and to the MUX; and

the MUX provides MUX output to the first high-speed RF transceiver, the MUX output having a compression format selected from the group consisting of compressed and uncompressed.

7. (Amended) The communications and data display system of claim 1, wherein:

the projection system further comprises a graphics converter and a projector;

the graphics converter receives the graphical data from the projector high-speed RF transceiver and transfers uncompressed graphical data to the projector; and

the projector displays the uncompressed graphical data.

8. (Amended) The communications and data display system of claim 7, wherein the graphics converter includes an application-aware graphics chip that transforms compressed graphics data to the uncompressed graphics data.

9. (Amended) The communications and data display system of claim 8, wherein:

the compressed graphical data includes compressed motion graphics or video data; and

the uncompressed graphical data includes uncompressed motion graphics or video data.

10. (Amended) A communications and data display system comprising:

a projection system including a projector high-speed radio frequency (RF) receiver and a controller; and

a first data appliance including a first high-speed RF transmitter, wherein:

the first high-speed RF transmitter transfers graphical data to the projector high-speed RF receiver;

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the projection system displays the graphical data; and
the transfer and the display of the graphical data is controlled by the controller using control data.

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11. (Amended) The communications and data display system of claim 10, wherein:
the first data appliance further comprises a graphics chip, a processing unit, a memory and a MUX;
the processing unit takes keyboard input from a local keyboard;
the processing unit takes memory graphics input from the memory and provides processing-unit memory output to the memory;
the processing unit provides processing-unit graphics output to the graphics chip and the MUX;
the processing unit provides processing-unit control output to the MUX;
the graphics chip provides graphics-chip output to a local display and to the MUX; and
the MUX provides MUX output to the first high-speed RF transmitter, the MUX output having a compression format selected from the group consisting of compressed and uncompressed.

12. (Amended) The communications and data display system of claim 10, wherein:
the projection system further comprises a graphics converter and a projector;
the graphics converter receives the graphical data from the projector high-speed RF receiver and transfers uncompressed graphical data to the projector; and
the projector displays the uncompressed graphical data.

13. (Amended) The communications and data display system of claim 12, wherein the graphics converter includes an application-aware graphics chip that transforms compressed graphics data to the uncompressed graphics data.

14. (Amended) A method for communication and data display, comprising:
- transmitting graphical data from a first high-speed radio frequency (RF) transceiver of a first data appliance to a projector high-speed RF transceiver of a projection system;
- displaying the graphical data with the projection system; and
- controlling the transmitting of the graphical data and the displaying of the graphical data with a controller using first control data.
15. (Amended) The method of claim 14, further comprising:
- transmitting a first signal from the first high-speed RF transceiver to the projector high-speed RF transceiver;
- transmitting the first signal from the projector high-speed RF transceiver to a second high-speed RF transceiver of a second data appliance; and
- controlling the transmission of the first signal from the first data appliance to the second data appliance with the controller using second control data.
16. (Amended) The method of claim 15, further comprising:
- transmitting a second signal from the second high-speed RF transceiver to the projector high-speed RF transceiver;
- transmitting the second signal from the projector high-speed RF transceiver to the second high-speed RF transceiver; and
- controlling the transmission of the second signal from the second data appliance to the first data appliance with the controller using the second control data.
17. (Amended) The method of claim 14, further comprising:
- transmitting a first signal from the first high-speed RF transceiver to the projector high-speed RF transceiver;

transmitting the first signal from the projector high-speed RF transceiver to an external network, the projection system including an interface to the external network; and controlling the transmission of the first signal from the first data appliance to the external network with the controller using third control data.

18. (Amended) The method of claim 17, further comprising:

transmitting a second signal from the external network to the projector high-speed RF transceiver;

transmitting the second signal from the projector high-speed RF transceiver to the first high-speed RF transceiver; and

controlling the transmission of the second signal from the external network to the first data appliance with the controller using the third control data.

19. (Amended) The method of claim 14, further comprising:

transmitting a keyboard input from a local keyboard to the first data appliance;

converting compressed graphical data to uncompressed graphical data at the first data appliance; and

controlling a flow of uncompressed graphical data and compressed graphical data to the first high-speed RF transceiver.

20 (Amended) The method of claim 19, wherein:

the compressed graphical data includes compressed motion graphics or video data; and

the uncompressed graphical data includes uncompressed motion graphics or video data.

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Please enter the following new claims:

23. (New) The communications and data display system of claim 1, wherein the first control data includes at least one of:

projector control data of the projection system; and

a first control signal of the first data appliance transferred from the first high-speed RF transceiver to the controller via the projector high-speed RF transceiver.

24. (New) The communications and data display system of claim 2, wherein the second control data includes at least one of:

projector control data of the projection system;

a first control signal of the first data appliance transferred from the first high-speed RF transceiver to the controller via the projector high-speed RF transceiver; and

a second control signal of the second data appliance transferred from the second high-speed RF transceiver to the controller via the projector high-speed RF transceiver.

25. (New) The communications and data display system of claim 4, wherein the third control data includes at least one of:

projector control data of the projection system;

a first control signal of the first data appliance transferred from the first high-speed RF transceiver to the controller via the projector high-speed RF transceiver; and

an external control signal of the external network transferred to the controller via the interface to the external network.

26. (New) The communications and data display system of claim 10, wherein the control data includes at least one of:

projector control data of the projection system; and

a first control signal of the first data appliance transferred from the first high-speed RF transmitter to the controller via the projector high-speed RF receiver.

27. (New) The communications and data display system of claim 14, wherein the first control data includes at least one of:

projector control data of the projection system; and

a first control signal of the first data appliance transferred from the first high-speed RF transceiver to the controller via the projector high-speed RF transceiver.

28. (New) The communications and data display system of claim 15, wherein the second control data includes at least one of:

projector control data of the projection system;

a first control signal of the first data appliance transferred from the first high-speed RF transceiver to the controller via the projector high-speed RF transceiver; and

a second control signal of the second data appliance transferred from the second high-speed RF transceiver to the controller via the projector high-speed RF transceiver.

29. (New) The communications and data display system of claim 17, wherein the third control data includes at least one of:

projector control data of the projection system;

a first control signal of the first data appliance transferred from the first high-speed RF transceiver to the controller via the projector high-speed RF transceiver; and

an external control signal of the external network transferred to the controller via the interface to the external network. --